

Title (en)

ELECTRIC MEASURING APPARATUS WITH CONNECTION WIRE

Publication

EP 0155272 B1 19880504 (DE)

Application

EP 84902792 A 19840724

Priority

DE 3331723 A 19830902

Abstract (en)

[origin: WO8501112A1] Electric measuring apparatus with connection wire and preferably inductive probe to determine the rotating body speed. The apparatus provides an electric signal which is a function of the rotation speed. The measuring apparatus (10) comprises on one hand preferably a coil (13), a coil body (14) a permanent magnet (17), a magnetic flux conductor (15), a polar part (16), current conducting rails (18) and a housing (20), and on the other hand a connection piece (25) comprising the embedded end of the connection wire (22) with its conducting termination (23) thereby forming two units (25, 28) which are sealingly joined together. Such apparatus (10) may be applied to motor vehicles or to industrial plants as means for measuring the temperature or the pressure, as well as revolution counters or speed indicators for rotation bodies.

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